

CLAIMS

I claim:

1. A combination LED flashlight and garage door opener transmitter, comprising,
 - a. a housing adapted to hold a battery;
 - b. at least one LED located in said housing;
 - c. a voltage multiplier circuit coupled between said L.E.D and the battery when the battery is disposed in said housing, said voltage multiplier circuit includes a digital synchronous boost converter that automatically adjusts and maintains an output voltage to continuously activate the said LED as the input voltage decreases; and,
 - d. an ON-OFF switch connected to said voltage multiplier circuit.
2. The flashlight as recited in Claim 1, wherein said synchronous boost converter is capable of supplying 3.3 volts at 150 MA.
3. The combination LED flashlight and garage door opener transmitter as recited in Claim 1, wherein said battery supplies 1.5 Volts.
4. The combination LED flashlight and garage door opener transmitter as recited in Claim 1, wherein said flashlight includes two LED's.
5. The combination LED flashlight and garage door opener transmitter as recited in Claim 1, further including a key ring attached to said housing.

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6. The combination LED flashlight and garage door opener transmitter as recited in Claim 1, further including a lens located around said LED.

7. The combination LED flashlight and garage door opener transmitter as recited in Claim 6, further including a reflector located inside said lens and disposed around said LED.

8. The combination LED flashlight and garage door opener transmitter as recited in Claim 1, wherein said housing is watertight.